

Amendments to the Claims

The following listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A method of storing information related to a file, comprising:

obtaining content and metadata of the on a file, wherein the file was stored in a first environment;

in a second environment, storing the content and the metadata, wherein the content is associated with the metadata, and wherein the second environment is different from the first environment;

obtaining a location where the file was stored in the first environment; and
in the second environment, storing the location, wherein the location is associated with at least one of: the content; and the metadata.

2. (Currently amended) The method of claim 1, wherein the content is stored in a content hash table, and wherein the metadata is stored in a metadata hash table,

3. (Currently amended) The method of claim 2, wherein storing the content and metadata comprises:

generating a digital signature from the content;

generating a digital signature from the metadata;

storing the content in an entry in the content hash table, wherein the content's digital signature is an index into the content hash table; and

storing the metadata in an entry in the metadata hash table, wherein the metadata's digital signature is an index into the metadata hash table.

4. (Currently amended) The method of claim 3, wherein at least one of the digital signatures ~~signature~~ is generated using a hashing algorithm.

5. (Currently amended) The method of claim 4, wherein the hashing algorithm is the SHA1 secure hashing algorithm.

6. (Previously presented) The method of claim 3, wherein the entry in the content hash table comprises the content and a link to the metadata.

7. (Previously presented) The method of claim 6, wherein the entry in the metadata hash table comprises the metadata and a link to the content.

8. (Cancelled).

9. (Currently amended) The method of claim 7-8, wherein the location is stored in a location hash table.

10. (Currently amended) A database for storing components of a file that was stored in a first environment, the database comprising a data processing system readable medium having code embodied within the data processing system readable medium, the code comprising instructions for:

a content hash table in a second environment, wherein an entry in the content hash table includes: content of the file; and at least one link for metadata associated with the content, wherein the second environment is different from the first environment;

a metadata hash table in the second environment, wherein an entry in the metadata hash table includes: metadata of the file; and at least one link for content associated with the metadata; and

a location hash table in the second environment, wherein an entry in the location hash table includes: a location where the file was stored in the first environment; and at least one link for at least one of: content associated with the location; and metadata associated with the location.

11. (Cancelled).

12. (Currently amended) The database of claim 10-11, wherein an entry in the content hash table further includes at least one link for a location associated with the content.

13. (Previously presented) The database of claim 12, wherein an entry in the metadata hash table further includes at least one link for a location associated with the metadata.

14. (Currently amended) A data processing system readable medium having code for storing information related to a file, wherein the code is embodied within the data processing system readable medium, the code comprising instructions for:

obtaining content and metadata of the on a file, wherein the file was stored in a first environment;

in a second environment, storing the content and the metadata, wherein the content is associated with the metadata, and wherein the second environment is different from the first environment;

obtaining a location where the file was stored in the first environment; and
in the second environment, storing the location, wherein the location is associated with at least one of: the content; and the metadata.

15. (Currently amended) The data processing system medium of claim 14, wherein the content is stored in a content hash table, and wherein the metadata is stored in a metadata hash table.

16. (Currently amended) The data processing system medium of claim 15, wherein storing the content and metadata comprises:
generating a digital signature from the content;
generating a digital signature from the metadata;
storing the content in an entry in the content hash table, wherein the content's digital signature is an index into the content hash table; and
storing the metadata in an entry in the metadata hash table, wherein the metadata's digital signature is an index into the metadata hash table.

17. (Currently amended) The data processing system medium of claim 16, wherein at least one of the digital signatures ~~signature~~ is generated using a hashing algorithm.

18. (Currently amended) The data processing system medium of claim 17, wherein the hashing algorithm is the SHA1 secure hashing algorithm.

19. (Previously presented) The data processing system medium of claim 16, wherein the entry in the content hash table comprises the content and a link to the metadata.

20. (Previously presented) The data processing system medium of claim 19, wherein the entry in the metadata hash table comprises the metadata and a link to the content.

21. (Cancelled).

22. (Currently amended) The data processing system medium of claim 20-21, wherein the location is stored in a location hash table.